

AN - 1996-439293 [44]

TI - UV-IR absorption glass for vehicle s - comprises oxide(s) of silicon, aluminium, boron, magnesium, calcium, sodium, potassium, iron, titanium and cobalt

AB - J08217486 The glass comprises basic glass compsn. consisting of (wt.%):

- (a) 65 - 80 SiO₂,
- (b) 0 - 5 Al₂O₃,
- (c) 0 - 5 B₂O₃,
- (d) 0 - 10 MgO,
- (e) 5 - 15 CaO,
- (f) 10 - 18 Na₂O,
- (g) 0 - 5 K₂O,
- (h) 5 - 15 of MgO + CaO,
- (i) 10 - 20 of Na₂O + K₂O,
- (j) 0.5 - 0.9 of all iron oxide,
- (k) 0.1 - 1.2 TiO₂, and
- (l) 0.001 - 0.0020 CoO as colouring component.

USE - It is used as window glass for automobile.

ADVANTAGE - The glass showing green tone is obt'd. at a low cost, without using cerium oxide as 1st absorber.

(Dwg.0/0)

IW - ULTRAVIOLET INFRARED ABSORB GLASS VEHICLE COMPRISE OXIDE SILICON ALUMINIUM BORON
MAGNESIUM CALCIUM SODIUM POTASSIUM IRON TITANIUM COBALT

PN - JP8217486 A 19960827 DW199644 C03C4/08 005pp

IC - C03C1/10 C03C3/078 C03C4/08

MC - L01-A01B L01-A03B L01-A05 L01-L02

DC - L01

PA - (NIPG) NIPPON SHEET GLASS CO LTD

AP - JP19950030500 19950220

PR - JP19950030500 19950220

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